

Recent IBM Patents

March through June 1960

March 1960

Single Element Printing Mechanism	F. E. Becker and L. E. Palmer	2,926,768
Decimal Tabulation Device	T. H. Toeppen	2,926,769
Binary Adder Subtractor	R. K. Richards	2,926,850
Indicating and Control Device	A. Pomarico	2,926,860
Photo-Sensitive Materials and Recording Media	E. E. Ryskiewicz	2,927,025
Transistor Neon Driver	R. B. Hennis	2,927,247
Data Processing Machine	A. H. Dickinson	2,927,313
Hydraulic Positioning Device	F. C. Parry	2,927,432
Record Card Controlled Electrographic Printer	I. M. Hix	2,927,516
Cascade Developing Apparatus	D. J. Oldenboom	2,927,554
High Speed Mechanical Motion	C. E. Branscomb	2,927,636
Storage and Feed Means for a Continuous Web	F. W. Walsh and H. A. Hendrich	2,927,789
Recording Device	S. L. Solar	2,927,834
Magnetic Transducer	D. J. De Geller	2,927,973
Transistor Amplifier Circuit	O. L. MacSorley and H. E. Cooley	2,928,049
Data Sensing and Handling Apparatus	E. C. Greanias	2,928,073
Magnetic Transducer	J. J. Hagopian	2,928,078
Magnetic Head for Recording and Reading Binary Data	R. D. McNutt	2,928,079
Accumulating Reproducer	E. J. Rabenda	2,928,594
Externally Pressurized Fluid Bearing	H. K. Baumeister	2,928,709
Electrical Information Storage Apparatus	F. C. Williams and T. Kilburn	2,928,983
Double Ended Drive for Selection Lines of a Core Memory	L. A. Russell	2,929,050
Wire Stripper	W. J. Davis	2,929,083
Apparatus for Producing Magnetic Records on Tape	T. R. Garrity	2,929,670
Torque Limiting Clutch	R. D. Dodge and W. O. Cralle	2,930,463
Reel Mechanism for Typewriter Ribbons	D. C. Roller and T. J. Hand	2,930,470
Relay Impulse Counter	T. A. Hendrickson	2,930,526
Scanning System	J. L. Lyon and F. S. Stauffer	2,930,899
Transistor Bistable Circuit	E. J. Slobodzinski	2,930,907
Superconductor Switch	J. T. McKeon and G. B. Rosenberger	2,930,908
Phase Angle Measuring Apparatus	W. C. Yurgartis	2,930,978
Magnetic Core Buffer Storage and Conversion System	W. Buchholz, M. K. Haynes and G. E. Whitney	2,931,014
Spot Sequential Character Generator	W. E. Triest	2,931,022
Digital Position Indicator	E. A. Quade	2,931,023
Data Handling Circuit	R. C. Wolcott and H. R. Lord	2,931,025

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High Speed Lister with Automatic Verification of Listing Accuracy	F. A. Foss	2,932,249
Integrating Apparatus	H. G. Pisarchik	2,932,449
Matrix Storage Accumulator	H. S. Beattie and T. L. Buley	2,932,451
Transistor Testing Method	W. N. Carroll and F. E. Herdina	2,932,792
Transformer Coupled Flip-Flop	W. N. Carroll	2,932,795
Sensing Negative and Positive Photo Records	C. J. Fitch and E. A. Barber, Jr.	2,933,245
Digital Computing Engines	E. J. Petherick	2,933,250
Record Controlled Machine	A. H. Dickinson and P. E. Fox	2,933,251
Integrating Accelerometer	W. Allison	2,933,298
Radiation Pattern Identifying Apparatus	T. I. Ress	2,933,610
Gated Magnetic Recording Head	J. J. Hagopian	2,933,721
Intermittent Drive Mechanism	J. E. Lisinski	2,933,931
Product Generator	B. L. Havens and C. R. Borders	2,934,269
Binary Counter Unit Using Weighted Winding Logic Elements	J. C. Logue and G. D. Bruce	2,934,270
Magnetic Materials Testing System	C. W. Williams, W. C. Seelbach and A. M. Dumas	2,934,696
Magnetic Core	J. C. Slonczewski	2,934,747
Movement Detection Device	W. H. Laman	2,934,753

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Method for Assembly of Printing Apparatus	J. H. Lego	2,935,018
Hydraulic Control Apparatus	H. A. Panissidi	2,935,046
Data Storage Apparatus	A. H. Dickinson	2,935,251
Elapsed Time Computer	D. W. Brearley	2,935,252
Accumulator for Accumulating Fractions	J. O. Hannibal, Jr.	2,935,258
Data Handling System	M. D. Rogers	2,935,619
Transistor Switching Circuit	O. L. MacSorley	2,935,626
Transistor Tube Switching Circuits	C. A. Bergfors	2,935,690
Magnetic Core Assembly	E. A. Brown	2,935,708
Record Sensing Mechanism	A. H. Dickinson	2,936,112
Load Detector	R. E. Edminster	2,936,172
Automatic Tabulating System	R. E. Cummins	2,936,871
Self-Loading Hydro-Dynamic Bearing	J. M. Harker	2,937,240
Scanning Device	W. C. Oliver	2,937,283
Single Shot Bistable Circuit	L. R. Harper	2,937,291
Data Processing Machine	R. I. Roth	2,937,363
Loose Toner Pick-up Device	W. D. Bolton and D. J. Oldenboom	2,937,390
Teaching Machine	N. K. Perkins, B. E. Toben and H. S. Beattie	2,937,455
Wire Printer	F. J. Furman, H. A. Jurgens, M. J. Kelly and T. D. Koranye	2,938,455
Hydraulic Drive and Control Apparatus	S. C. Titcomb	2,938,501
Type Bar Drive	R. A. Donnan and T. H. Toeppen	2,938,615
Container	R. N. Eichorn	2,938,623
Serial-Parallel Binary-Decimal Adder	B. L. Havens and C. R. Borders	2,938,668
Card Weight	G. A. Luning	2,938,722
Intermetallic Semiconductor Device Manufacturing	M. Genser	2,938,819
Regenerative Data Storage System	W. J. Deerhake and B. L. Havens	2,939,001
Detecting Apparatus	M. R. Cannon	2,939,016
Fast Response Oscillograph System	A. S. Farber	2,939,038
Semiconductor Device	F. H. Masterson	2,939,058
Variable Damped Servomotor System	J. H. Crenshaw	2,939,066
Comparing Device for Employment in a Record Card Collator or Like Machine	H. S. Beattie, R. E. Page and R. L. Palmer	2,939,110
Data Storage Device Using Electrically Responsive Fluid	R. I. Roth	2,939,113
Tape Code Translator	W. E. Burns and E. H. Nutter	2,939,116
Magnetic Core Storage Device with Flux Controlling Auxiliary Winding	E. A. Brown	2,939,117
Storage Device	E. A. Quade	2,939,118
Core Storage Matrix	T. Einsele	2,939,119
Controls for Memory Devices	E. Estrems and M. Papo	2,939,120
Magnetic Core Detection Circuit for Double Punch and Blank Columns	G. J. Saxenmeyer	2,939,124

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Record Reader	F. M. Demer and R. G. Mork	2,939,632
Electronic Digital Computing Machines	T. Kilburn, D. B. G. Edwards and G. E. Thomas	2,940,670
Conductive Particle Detector	M. R. Cannon	2,941,144
Automatic Record Tape Handling and Loading Mechanism	T. U. Burke, F. G. Hughes, H. Reichle and T. L. Vinson	2,941,738
Record Tape Loading Mechanism	T. U. Burke, F. G. Hughes, H. Reichle and T. L. Vinson	2,941,739
Tape Cartridge and Tape Loading Mechanism	M. S. Bilsback	2,941,741
Semiconductor Device Fabrication	R. F. Rutz	2,942,329
Integrating Device	M. L. Wood	2,942,779
Multiplier-Divider Employing Transistors	A. H. Dickinson	2,942,780
Restraining Device	H. T. Johnston, Jr.	2,942,833
Pulse Reshaper	A. G. Anderson	2,943,264